

ADJUSTABLE PEDAL ASSEMBLY

ABSTRACT OF THE DISCLOSURE

An adjustable pedal assembly includes a mounting arrangement (1) for attachment to a vehicle structure (37), an accelerator pedal (6), a brake pedal (7), and a clutch pedal (8). The pedals (6, 7, 8) are pivotally supported with respect to the mounting arrangement (1) and define a first pivot axis (9). An adjustment element (5) is pivotally supported with respect to the mounting structure (1) and defines a second pivot axis (4). The adjustment element (5) selectively moves the pedals (6, 7, 8) between a plurality of operable positions. The adjustable pedal assembly is characterized by the pedals (6, 7, 8) being pivotally supported with respect to the adjustment element (5) wherein the second pivot axis (4) is generally parallel to the first pivot axis (9). A driving mechanism with an electric motor (11) and gear assembly (12) is used to rotate the adjustment element (5) about the second pivot axis (4). The pedals (6, 7, 8) are pivotally mounted within the adjustment element (5) to pivot about the first pivot axis (9), thus the first pivot axis (9) moves with respect to the second pivot axis (4) when the adjustment element (5) is rotated.

PRELIMINARY CLASSIFICATION: 74/512